

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER I-08-040

Relating to Independent Contractor Approval under
Section 91207, Title 17, California Code of Regulations

TRC Environmental Corporation

WHEREAS, the Air Resources Board (ARB), pursuant to section 41512 of the California Health and Safety Code, has established the procedures contained in sections 91200-91220, title 17, California Code of Regulations, to allow the use of independent testers for compliance tests required by ARB; and

WHEREAS, it has been determined that TRC Environmental Corporation meets the requirements of ARB for conducting ARB Test Methods 1, 2, 2A, 3, 4, 5, 6, 8, 11, 16A (Tutwiler), 20, 100 (CO, CO₂, NO_x, O₂, SO₂, THC), 501, United States Environmental Protection Agency Test Methods 18, 19 (determining the emission rate of NO_x, on an hourly basis, if the appropriate F factors can be determined from Table 19-2 of the method), and Visible Emissions Evaluation (VEE) pursuant to sections 91200-91220, title 17, California Code of Regulations, when the following conditions are met:

1. TRC Environmental Corporation permanently marks or engraves an identification number on the body of each of its pitot tubes;
2. TRC Environmental Corporation calibrates its differential pressure gauges after each test series in accordance with section 2.2 of ARB Test Method 2 and establishes and maintains a log of the calibrations;
3. TRC Environmental Corporation measures barometer pressure as described in section 2.5 of ARB Test Method 2. It must calibrate its barometer in accordance with section 4.4 of ARB Test Method 2 and establishes and maintains a log of the calibrations;
4. TRC Environmental Corporation calibrates its dry gas meters as required by section 5.3 of ARB Test Method 5, and establishes and maintains a log of the calibrations;
5. TRC Environmental Corporation acquires and uses ASTM E617 Class 1 weights for calibrating its balances. It must also establish and maintain a log of the calibrations;
6. TRC Environmental Corporation acquires and uses a preweighed aluminum evaporation dish as required by section 2.2.2 of ARB Test Method 501 for sample recovery;

7. TRC Environmental Corporation establishes and maintains calibration and laboratory log books. These books must contain, at a minimum, calibration data on their balances, nozzles, thermometers, and meter boxes. They must also contain log information on the weight check, zero check, tare, balance room temperature, and relative humidity data;
8. TRC Environmental Corporation checks its Thorin indicator solution against a known before use. If TRC Environmental Corporation conducts the titration away from the laboratory, it must check the Thorin before it leaves the laboratory and before use in the field;
9. TRC Environmental Corporation participates in the United States Environmental Protection Agency Stationary Source Compliance Audit Program for approved methods;
10. TRC Environmental Corporation installs and uses a needle valve, or equivalent, made from stainless steel or other corrosion-resistant material to adjust gas flow rate for ARB Test Method 11;
11. TRC Environmental Corporation inserts a small surge tank between the pump and rate meter as required by ARB Test Method 11;
12. TRC Environmental Corporation includes the following information on all strip charts and/or emissions data sheets: pollutant of interest, source, analyzer range, date and time, zero offsets, and the name of the person operating the instruments;
13. TRC Environmental Corporation uses a 40 percent H₂/60 percent He or a 40 percent H₂/60 percent N₂ blend, as appropriate, as fuel for its hydrocarbon analyzer;
14. The person performing VEE passed ARB's Compliance Training Course #100: Fundamentals of Enforcement (FOE)/Visible Emissions Evaluation (Smoke School) and is currently certified to conduct VEE. Any subsequent recertification must be from a certifying body recognized by ARB at the time VEE reader conducts the VEE test;

WHEREAS, ARB's Executive Officer, pursuant to Health and Safety Code section 39516, issued Executive Order G-02-008, delegating to the Chief of ARB's Monitoring and Laboratory Division the authority to approve independent testers in accordance with title 17, California Code of Regulations, sections 91200-91220.

NOW, THEREFORE, I, William V. Loscutoff, Chief of ARB Monitoring and Laboratory Division, order that TRC is granted an approval, from the date of execution of this order until June 30, 2009, to conduct the tests listed above, subject to compliance with sections 91200-91220, title 17, California Code of Regulations.

IT IS FURTHER ORDERED that during the approved period the Executive Officer or his authorized representative may field audit one or more tests conducted pursuant to this order for each type of testing listed above.

Executed at Sacramento, California this 25th day of August 2008.

Original signed by

William V. Loscutoff, Chief
Monitoring and Laboratory Division